

111 cablecast transmitter for communicating a unit of data, a data receiver, a control signal
2 detector, and a controller or computer capable of controlling one or more of said
3 selective transmission devices, and with said remote transmitter station adapted to
4 detect the presence of one or more control signals, to control the communication of
5 specific instruct signals in response to detected specific control signals, and to deliver at
6 its broadcast or cablecast transmitter one or more instruct signals, said method of
7 communicating comprising the steps of:

138 (1) receiving an instruct signal to be transmitted by the remote
139 intermediate data transmitter station and delivering said instruct signal to a transmitter;

140 (2) receiving one or more control signals which at the remote
141 intermediate data transmitter station operate to control the communication of said -n.a.
142 instruct signal; and

143 (3) transmitting said one or more control signals to said transmitter

144 before a specific time.

151 6. The method of claim 5, wherein said one or more control signals comprise

152 a code or datum which operates at the remote intermediate data transmitter station to

153 identify said instruct signal or some information associated with said instruct signal,

154 said method further comprising the step of

155 transmitting a second instruct signal which operates at the remote

156 intermediate data transmitter station at said specific time to communicate said first

157 named instruct signal to a transmitter. ?

22 7. The method of claim 5, wherein said specific time is a scheduled time of

23 transmitting said instruct signal or some information associated with said instruct

24 signal from said remote intermediate data transmitter station and said one or more

25 control signals are effective at said remote intermediate data transmitter station to

26 control one or more of said plurality of selective transmission devices at different times.

1 8. The method of claim 5, further comprising the step of embedding a
2 specific one of said one or more control signals in said instruct signal or in an
3 information transmission containing said instruct signal before transmitting said
4 instruct signal to said remote transmitter station.

5 9. The method of claim 5, wherein said remote intermediate data transmitter
6 station communicates instruct signals according to a schedule and a specific one of said
7 one or more control signals is effective at the remote intermediate data transmitter
8 station to communicate said instruct signal to a plurality of transmitters or to a
9 transmitter ^{some} ~~now~~ a plurality of times.

10 10. A method of controlling a remote intermediate data transmitter station to
11 communicate data to one or more receiver stations, with said remote transmitter station
12 including a broadcast or cablecast transmitter for transmitting said data, a plurality of
13 selective transmission devices each operatively connected to said broadcast or cablecast
14 transmitter for communicating said data, a data receiver, a control signal detector, and a
15 controller or computer capable of controlling one or more of said selective transmission
16 devices, and with said remote transmitter station adapted to detect one or more control
17 signals, to control the communication of said data in response to one or more detected
18 specific control signals, and to deliver data at its broadcast or cablecast transmitter, said
19 method of communicating comprising the steps of:

20 (1) receiving data to be transmitted by the remote intermediate data
21 transmitter station and delivering said data to a transmitter, said data comprising an
22 instruct signal;
23 (2) receiving one or more control signals which at the remote
24 intermediate data transmitter station operate to control the communication of said data;
25 and

1 7 (3) transmitting said one or more control signals to said transmitter
2 before a specific time.

3 11. A method of controlling a remote television transmitter station to
4 communicate television program material to one or more receiver stations, with said
5 remote television transmitter station including a broadcast or cablecast transmitter for
6 transmitting one or more units of television programming, a plurality of selective
7 transmission devices each operatively connected to said broadcast or cablecast
8 transmitter for communicating a unit of television programming, a television receiver, a
9 control signal detector, and a controller or computer capable of controlling one or more
10 of said selective transmission devices, and with said remote transmitter station adapted
11 to detect the presence of one or more control signals, to control the communication of
12 specific units of television programming in response to detected specific control signals,
13 and to deliver at its broadcast or cablecast transmitter one or more units of television
14 programming, said method of communicating comprising the steps of:

15 (1) receiving a unit of television programming to be transmitted by the
16 remote intermediate television transmitter station and delivering said unit of television
17 programming to a transmitter;
18 (2) receiving one or more control signals which at the remote
19 intermediate television transmitter station operate to control the communication of a
20 specific one or more of said plurality of units of television programming; and
21 (3) transmitting said one or more control signals to said transmitter
22 before a specific time.

23 12. A method of controlling the communication between an intermediate data
24 transmitter station and one or more remote receiver stations, said transmitter station
25 having a plurality of transmission devices, a controller computer operatively connected
26 to said plurality of transmission devices, said one or more receiver stations having a

1 ♂ signal detector and a receiver station processor, said receiver station adapted to detect
2 ♂ control signals, said method of controlling communication comprising the steps of:
3 ♂ (1). receiving a plurality of units of data at an intermediate data
4 ♂ transmitter station, said plurality of units of data encoding video, audio, text or remote
5 ♂ control signals and including an instruct signal;
6 ♂ (2) receiving one or more ^{same} control signals at said transmitter station,
7 ♂ said one or more control signals operating to delay the transmission of a specific one of
8 ♂ said plurality of units of data; and
9 ♂ (3) transmitting said one or more units of data and said one or more
10 ♂ control signals from said transmitter station, through a broadcast or cable cast network
11 ♂ to said one or more remote receiver stations.

12 ♂ 13. A method of communicating television program material from a
13 ♂ television transmitter station to one or more television receiver stations, said television
14 ♂ transmitter station including one or more broadcast or cablecast transmitters, a selective
15 ♂ transmission device, one or more television programming sources, a processor, one or
16 ♂ more decoders or detectors, and with each of said one or more broadcast or cablecast
17 ♂ transmitters for transmitting a television signal to said one or more receiver stations,
18 ♂ said selective transmission device for communicating signals, each of said one or more
19 ♂ television programming sources for outputting a television signal, said processor for
20 ♂ identifying signals, and said one or more decoders or detectors operatively connected to
21 ♂ said processor for decoding an identifier code or detecting one or more identifier data,
22 ♂ said method comprising the steps of:

1 12 (1) receiving and storing a selection control signal;

2 (2) receiving from a remote station an information transmission comprising a

3 television signal and one or more instruct signals; *nowise sens*

4 13 (3) passing at least some of said television signal to said one or more decoders

5 or detectors and decoding or detecting said one or more instruct signals;

6 17 (4) controlling said selective transmission device to communicate signals *-vt-*

7 based on said selection control signal and said decoded or detected one or more instruct

8 signals;

9 20 (5) communicating at least one television signal from said one or more

10 television programming sources to said one or more broadcast or cablecast transmitters

11 based on said step of controlling said selective transmission device; and

12 (6) transmitting one or more scheduled television signals to said one or more

13 television receiver stations.

14 14. The method of claim 13, wherein said controlled one or more of said

15 plurality of selective transmission devices includes a plurality of outputs, said method

16 further comprising the step of:

17 controlling said one or more selective transmission devices to communicate

18 television programming to each of said plurality of outputs.

19 15. The method of claim 13, wherein said controlled one or more of said

20 plurality of selective transmission devices includes a plurality of inputs, said method

21 further having one step from the group consisting of:

1 4 controlling said one or more selective transmission devices to communicate some
2 5 of said television programming from one said plurality of inputs in accordance with
3 6 said selection control signal;
4 7 controlling said one or more selective transmission devices to communicate some
5 8 of said television programming from ~~on~~ ^{one} of said plurality of inputs on the basis of said
6 9 instruct signal; and
7 10 controlling said one or more selective transmission devices to communicate some
8 11 of said television programming from each of said plurality of inputs.

9 16. The method of claim 13, wherein said selection control signal is a schedule
10 for transmitting said television programming and said one or more instruct signals
11 designate one or more units of said television programming, said method further
12 comprising the steps of:
13 5 selecting one or more units of television programming on the basis of a specific
14 instruct signal; and
15 transmitting each of said selected one or more units of television programming
16 8 according to said schedule.

17 17. The method of claim 13, wherein said transmitter station receives a
18 plurality of instruct signal types from one or more remote sources, said method further
19 having one step from the group consisting of:
20 controlling said one or more selective transmission devices to communicate at
21 5 least some of television programming from a selected input source in response to an
22 8 instruct selection signal;

1 7 controlling said one or more selective transmission devices to communicate at
2 least some some of said television programming from a selected input source in
3 10 response to an instruct immediate transmission signal;
4 controlling said one or more selective transmission devices to communicate
5 television programming to a storage device in response to an instruct delayed
6 transmission signal; and
7 programming said transmitter station to respond to a plurality of instruct signal
8 15 types.

9 18. The method of claim 13, wherein said received information transmission
10 further comprises a television signal or said one or more instruct signals include digital
11 data, said method further having one step from the group consisting of:
12 identifying a source of said information transmission;
13 15 programming said transmitter station to select one or more units of television
14 programming based on said information transmission;
15 selecting said communicated television programming based on information
16 contained in said information transmission;
17 communicating said transmitted television programming from said program
18 19 input receiver based on a specific one of said decoded or detected one or more instruct
19 signals; and
20 communicating a unit of television programming to a storage device based on
21 20 said information transmission.

1 19. The method of claim 13, wherein one of said plurality of selective
2 transmission devices is a storage device, said method further comprising one step from
3 the group consisting of:

4 selecting said storage device based on said selection control signal;

5 selecting said storage device based on information contained in said received
6 information transmission;

7 controlling said controlled one or more of said plurality of selective transmission
8 devices to communicate television programming to said storage device;

9 communicating television programming from said program input receiver to
10 said storage device;

11 controlling said storage device to store or output television programming based
12 on said selection control signal or information contained in said received information
13 transmission;

14 passing one or more instruct signals from said storage device to a second
15 decoder or detector;

16 informing said computer of specific television programming stored at said
17 storage device based on said received one or more instruct signals; and

18 controlling said controlled one or more of said plurality of selective transmission
19 devices to communicate television programming from storage device.

20 20. A method of communicating television program material from a
21 television transmitter station to one or more television receiver stations, said television
22 transmitter station including a plurality of broadcast or cablecast transmitters, a switch
23 with a plurality of inputs, a television programming source, a computer, a decoder or

1 detector, and with each of said plurality of broadcast or cablecast transmitters for
2 transmitting television programming, said switch operatively connected one or more of
3 said broadcast or cablecast transmitter for communicating television programming, said
4 television programming source operatively connected to one of said plurality of inputs,
5 said computer operatively connected to at least one of said switch and said television

6 programming source for controlling said at least one, and said decoder or detector

7 operatively connected to said computer for decoding or detecting an instruct signal,
8 said method comprising the steps of:

9 (1) receiving and storing a selection control signal;

10 (2) selecting one of said plurality of broadcast or cablecast transmitters in

11 accordance with said received and stored selection control signal;

12 (3) receiving from a remote station a broadcast or cablecast information

13 transmission comprising one or more instruct signals;

14 (4) passing at least some of said broadcast or cablecast information

15 transmission to said decoder or detector and decoding or detecting said received one or

16 more instruct signals;

17 (5) controlling said at least one of said switch and said television

18 programming source to communicate television programming to said selected

19 broadcast or cablecast transmitter at a specific time based on said decoded or detected

20 one or more instruct signals; and

21 (6) transmitting television programming from said programming source to

22 said one or more television receiver stations following said specific time.

1 21. The method of claim 20, wherein said television programming source
2 receives said television programming from a remote station and said television
3 programming is transmitted immediately to said one or more receiver stations.

4 22. The method of claim 20, wherein said television programming source
5 includes a storage device, said method further comprising the one step of the group
6 consisting of:

7 selecting said storage device in response to one of said decoded or detected one
8 or more instruct signals;
9 controlling said storage device to store or communicate television programming
10 based on said decoded or detected one or more instruct signals;
11 passing one or more instruct signals from said storage device to a second
12 decoder or detector;
13 informing said computer of specific television programming stored at said
14 storage device based on said received one or more instruct signals; and
15 controlling said switch to communicate television programming from said
16 storage device to an output in accordance with said selection control signal or said
17 decoded or detected one or more instruct signals.

18 23. A method of communicating television program material from a
19 television transmitter station to one or more television receiver stations, said television
20 transmitter station including a plurality of broadcast or cablecast transmitters, a switch
21 with a plurality of inputs, a television programming source, a computer, a decoder or
22 detector, and with each of said plurality of broadcast or cablecast transmitters for

1 , transmitting television programming, said switch operatively connected to one or more
2 of said broadcast or cablecast transmitter for communicating television programming,
3 said television programming source operatively connected to one of said plurality of
4 inputs, said computer operatively connected to at least one of said switch and said
5 television programming source for controlling said at least one, and said decoder or
6 detector operatively connected to said computer for decoding or detecting an instruct
7 signal, said method comprising the steps of:

8 (1) receiving and storing a communication control signal;
9 (2) receiving from a remote station a broadcast or cablecast information
10 transmission comprising an instruct selection signal; *same*
11 (3) passing at least some of said broadcast or cablecast information
12 transmission to said decoder or detector and decoding or detecting said received
13 instruct selection signal; *not used*
14 (4) selecting one of said plurality of broadcast or cablecast transmitters in
15 accordance with said decoded or detected received instruct selection signal;
16 (6) controlling said at least one of said switch and said television
17 programming source to communicate television programming in accordance with said
18 communication control signal; and
19 (7) transmitting said television programming to said one or more television
20 receiver stations.

21 24. The method of claim 23, wherein said television programming source
22 receives a television signal and an instruct delayed transmission signal from one or
23 more remote stations, said method further comprising the steps of:

1 4 selecting at least some of said television signal based on said communication
2 5 control signal or said instruct selection signal; and
3 communicating said selected at least some of said television signal from said
4 television programming source to said selected broadcast or cablecast transmitter
5 6 immediately.

6 25. The method of claim 23, wherein said transmitter station receives from
7 one or more remote stations a television signal and an instruct immediate transmission
8 signal, said method further comprising the steps of:
9 selecting at least some of said television signal based on said communication
10 10 control signal or said instruct selection signal;
11 communicating said selected at least some of said television signal to said
12 television programming source; and
13 storing said selected at least some of said television signal for delayed
14 11 transmission.

15 26. The method of claim 23, wherein said switch includes a plurality of
16 outputs, said method further comprising the steps of:
17 receiving a television signal from a remote station;
18 controlling said switch to communicate said television signal selectively to said
19 12 plurality broadcast or cablecast transmitters or to a storage device and one of said
20 13 plurality of broadcast or cablecast transmitters.

21 27. The method of claim 23, wherein said computer controls said switch and
22 14 said television programming source, said method further comprising the steps of: